Phospho-PKC zeta (Thr560) Rabbit pAb

db4725 **Package : 20μL 50μL 100μL**

Product Name : Phospho-PKC zeta (Thr560) Rabbit pAb
Cat.No.: db4725
Synonyms : PKC2; PKC-ZETA
Application : WB
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	Protein kinase C (PKC) zeta is a member of the PKC family of serine/threonine kinases which are involved in a variety of cellular processes such as proliferation, differentiation and secretion. Unlike the classical PKC isoenzymes which are calcium-dependent, PKC zeta exhibits a kinase activity which is independent of calcium and diacylglycerol but not of phosphatidylserine. Furthermore, it is insensitive to typical PKC inhibitors and cannot be activated by phorbol ester. Unlike the classical PKC isoenzymes, it has only a single zinc finger module. These structural and biochemical properties indicate that the zeta subspecies is related to, but distinct from other isoenzymes of PKC. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Thr560 of human PKC zeta
Gene ID	5590
Swiss Prot	Q05513
Synonyms	PKC2; PKC-ZETA
Reactivity	Human, Mouse, Rat
Application	WB
Recommended dilution	WB: 1:1000-1:5000
Calculated MW	68 kDa
Observed MW	68 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.